**Amendment to the Claims**:

The listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims**:

1. (Currently Amended) A method of recovering location information of a subscriber in a mobile network, the method comprising:

forwarding a registration request from the subscriber to ~~an S-CSCF~~ a ~~(~~Serving-Call State Control Function~~)~~ (S-CSCF) including the subscriber's ~~TA~~ ~~(~~Transport Address~~)~~ (TA) which is a current Care of Address of the subscriber;

forwarding a location update from the S-CSCF to ~~an HSS (~~ a Home Subscription Server~~)~~ (HSS) including the subscriber's TA and ~~the~~ an address of the S-CSCF ~~address~~; and

storing data including the subscriber's TA in the HSS so as to be protected against loss.

2. (Original) The method of claim **1**, wherein, upon the S-CSCF losing data, lost data including the subscriber's TA may be restored to the S-CSCF from the data stored in the HSS.

3. (Original) The method of claim **1**, wherein storing data in the HSS comprises storing data in a non-volatile memory in the HSS.

4. (Original) The method of claim **3**, wherein storing data in a non-volatile memory in the HSS comprises storing data in a hard disk drive.

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**5.** (Currently Amended) A method of recovering location information of a subscriber in a mobile network, the method comprising:

forwarding a registration request from the subscriber to ~~an S-CSCF (a~~ Serving-Call State Control Function) (S-CSCF) including the subscriber's ~~TA (~~Transport Address) (TA) which is a current Care of Address of the subscriber;

forwarding a location update from the S-CSCF to ~~an~~ Home Subscription Server (HSS) ~~(Home Subscription Server)~~ including the subscriber's TA; and

storing data including the subscriber's TA in the S-CSCF so as to be protected against loss.

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**6.** (Original) The method of claim **5**, wherein, upon the S-CSCF losing data, lost data including the subscriber's TA may be restored to the S-CSCF from the data stored in a non-volatile memory in the S-CSCF.

**7.** (Original) The method of claim **6**, wherein storing data in a non-volatile memory in the S-CSCF comprises storing data in a hard disk drive.

**8.** (Currently Amended) A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform a method of recovering location information of a subscriber in a mobile network, the method comprising:

forwarding a registration request from the subscriber to ~~an S-CSCF (~~ Serving-Call State Control Function) (S-CSCF) including the subscriber's ~~TA (~~Transport Address) (TA) which is a current Care of Address of the subscriber;

forwarding a location update from the S-CSCF to ~~an HSS (~~ Home Subscription Server) (HSS) including the subscriber's TA and ~~the~~ an address of the S-CSCF ~~address~~; and

storing data including the subscriber's TA in the HSS so as to be protected against loss.

**9**. (Original) The program storage device of claim **8**, wherein, upon the S-CSCF losing data, lost data including the subscriber's TA may be restored to the S-CSCF from the data stored in the HSS.

**10**. (Original) The program storage device of claim 8, wherein storing data in the HSS comprises storing data in a non-volatile memory in the HSS.

**11**. (Original) The program storage device of claim **10**, wherein storing data in a non-volatile memory in the HSS comprises storing data in a hard disk drive.

**12**. (Currently Amended) A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform a method of recovering location information of a subscriber in a mobile network, the method comprising:

forwarding a registration request from the subscriber to ~~an S-CSCF (~~a Serving-Call State Control Function~~)~~ (S-CSCF) including the subscriber's ~~TA (~~Transport Address~~)~~ (TA) which is a current Care of Address of the subscriber;

forwarding a location update from the S-CSCF to ~~an~~ Home Subscription Server (HSS) ~~(Home Subscription Server)~~ including the subscriber's TA; and

storing data including the subscriber's TA in the S-CSCF so as to be protected against loss.

**13**. (Original) The program storage device of claim **10**, wherein, upon the S-CSCF losing data, lost data including the subscriber's TA may be restored to the S-CSCF from the data stored in a non-volatile memory in the S-CSCF.

**14**. (Original) The program storage device of claim **13**, wherein storing data in a non-volatile memory in the S-CSCF comprises storing data in a hard disk drive.

**15**. (Currently Amended)  A method of recovering location information of a subscriber in a mobile network, the method comprising:

upon an~~ S-CSCF (~~ Serving-Call State Control Function~~)~~ (S-CSCF) receiving a call setup request for the subscriber from an~~ I-CSCF (~~ Interrogating-Call State Control Function~~)~~ (I-CSCF), forwarding a route request to a ~~UMS (~~User Mobility Server~~)~~ (UMS)and receiving a home address of the subscriber;

forwarding the call setup request from the S-CSCF to a home agent at the home address of the subscriber;

forwarding the call setup request from the home agent to the subscriber; and

forwarding an address update from the subscriber to the S-CSCF.

**16**. (Currently Amended)  The method of claim **15**, wherein forwarding the route request to the UMS comprises forwarding an indication to the UMS that the S-CSCF fails to have a Care[-] Of Address of the subscriber.

**17**. (Currently Amended)  The method of claim **15**, wherein forwarding the call setup request from the home agent to the subscriber comprises forwarding the call setup request to a Care[-] Of Address of the subscriber.

**18**. (Currently Amended)  The method of claim **16**, wherein forwarding the call setup request from the home agent to the subscriber comprises forwarding the call setup request to a Care[-] Of Address of the subscriber.

**19**. (Currently Amended)  A method of recovering location information of a subscriber in a mobile network, the method comprising:

upon an ~~I-CSCF (~~Interrogating-Call State Control Function~~)~~ (I-CSCF) receiving a call setup request for the subscriber, forwarding a route request to a ~~UMS (~~User Mobility Server~~)~~ (UMS) and receiving a home address of the subscriber;

forwarding the call setup request from the I-CSCF to a home agent at the home address of the subscriber;

forwarding the call setup request from the home agent to the subscriber; and

forwarding an address update from the subscriber to the I-CSCF.

20. (Currently Amended) The method of claim **19**, wherein forwarding the call setup request from the home agent to the subscriber comprises forwarding the call setup request to a Care[-]Of Address of the subscriber.

21. (Currently Amended) A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform a method of recovering location information of a subscriber and a mobile network, the method comprising:

upon an S-CSCF ( Serving-Call State Control Function) (S-CSCF) receiving a call setup request for the subscriber from an I-CSCF ( Interrogating-Call State Control Function) (I-CSCF), forwarding a route request to a UMS (User Mobility Server) (UMS) and receiving a home address of the subscriber;

forwarding the call setup request from the S-CSCF to a home agent at the home address of the subscriber;

forwarding the call setup request from the home agent to the subscriber; and

forwarding an address update from the subscriber to the S-CSCF.

22. (Currently Amended) The program storage device of claim **21**, wherein forwarding the route request to the UMS comprises forwarding an indication to the UMS that the S-CSCF fails to have a Care[-]Of Address of the subscriber.

**23.** (Currently Amended) The program storage device of claim **21**, wherein forwarding the call setup request from the home agent to the subscriber comprises forwarding the call setup request to a Care[-]_Of Address of the subscriber.

**24.** (Currently Amended) The program storage device of claim **22**, wherein forwarding the call setup request from the home agent to the subscriber comprises forwarding the call setup request to a Care[-]_Of Address of the subscriber.

**25.** (Currently Amended) A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform a method of recovering location information of a subscriber and a mobile network, the method comprising:

upon an I-CSCF (Interrogating-Call State Control Function) (I-CSCF) receiving a call setup request for the subscriber, forwarding a route request to a UMS (User Mobility Server) (UMS) and receiving a home address of the subscriber;

forwarding the call setup request from the I-CSCF to a home agent at the home address of the subscriber;

forwarding the call setup request from the home agent to the subscriber; and

forwarding an address update from the subscriber to the I-CSCF.

**26.** (Currently Amended) The program storage device of claim **25**, wherein forwarding the route request to the UMS comprises forwarding an indication to the UMS that the S-CSCF fails to have a Care[-]_Of Address of the subscriber.

**27.** (Currently Amended) The program storage device of claim **25**, wherein forwarding the call setup request from the home agent to the subscriber comprises forwarding the call setup request to a Care[-]_Of Address of the subscriber.

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**28**. (Currently Amended)  The program storage device of claim **26**, wherein forwarding the call setup request from the home agent to the subscriber comprises forwarding the call setup request to a Care[-] Of Address of the subscriber.